JULY, 2019 VOLUME 16, ISSUE 7 ©Radio Club of Tacoma W7DK

Yet another Field Day behind us! Great team effort by all

Just like I began last month's President's column, I similarly begin this month's: It's hard to believe yet another ARRL Field Day is now behind us! And what a good one it was, overall – with the sun having a nearly perfect complexion which, of course, is *not* good for radio propagation!

Despite our insane work travel schedule, Anne and I were happy to spend half the day Friday helping to haul stuff from the clubhouse to Western State Hospital. We were actually able to fit a lot of items (mostly a bazillion chairs, and HF rigs) into our ancient workhorse 2002 Toyota Sequoia. It's always amazing to me how organized the setup of Field Day actually ends up being! So many things have been done so many times before that it just seemed to go like clockwork. Huge kudos to our Field Day coordinator and manager, Adam W2NCC. A *Huge* job and he did it so well yet again this year.

We also got to help out Doug K7FDR, Adam W2NCC, and others to build the amazing 20' x 30' tent sourced last year by Adam, and picked up by Doug. Doug helped guide us through the task of assembling all the pieces on the floor just built by Mike W7MKE and Rich KR7W. It went up amazingly well, despite a North wind that caused some grief until Adam got the lines staked.

The Radio Club of Tacoma Field Day 2019 final contact tally looked pretty good for this year. In fact, for 2019 it was very much evident that digital modes, specifically the ever-popular FT8, helped pump up our score in

Band	CW	Pwr	Digi	Pwr	Phone	Pwr	Total	%
80	28	100	11	100	144	100	183	17
40	177	100	114	100	82	100	373	34
20	91	100	110	100	233	100	434	40
15	1	100	65	100	6	100	72	7
10	0	100	7	100	0	100	7	1
6	0	100	18	100	0	100	18	2
Total	297		325		465		1087	100

THE PRESIDENT'S CORNER

DAVE W7UUU

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Step up and volunteer to edit the Logger's BARK

You'll love it.

ways that CW and SSB just couldn't do, as FT8 is such a great mode for when conditions are really poor. Our FT8 digital count was *way up* from last year.

The club covered all the bands except for 160, which last year netted only a couple of contacts. Given the challenges of getting a 160 antenna in the air it was decided it wasn't likely worth the effort. Further to that end, an "on the ground" Beverage-type receiving antenna was tried but, alas, to no real avail, with disappointing results on receive and so a transmit antenna plan was bagged. Just not the time of year to expect big things on 160.

Adam W2NCC and his team managed this year to again launch a weather balloon up to about 200 feet above the field carrying an 80-meter vertical working against a counterpoise, to rack up 183 contacts. Jokingly referred to as the "Hydrogen Bomb", the weather balloon was filled with hydrogen instead of the dwindling resource of helium. Needless to say, open flames were not allowed anywhere near! And it turns out that hydrogen has a much stronger pull than helium so only a single balloon was required this year to hoist the antenna aloft. We also garnered a total of five "human powered" contacts via a bicycle/generator/radio station to help rack up more points in the event.

A huge thanks, as always, to Jan K7HTU and Paul W7PFU for the wonderful food service and all the work it takes to put together a "Field Day Chuckwagon" as they do every year. The food was wonderful, served on time, and we had plenty of pot-luck dishes to fill in. There's a lot of work that goes into feeding an entire Field Day crew, and the Paul and Jan team really have it dialed in.

A fun turn of events for Anne and me at this year's Field Day was the unexpected visit by her brother Rick and his significant other, Deanne, who happen to live in Lakewood not far from the Field Day site. They stopped in and spent an hour with us walking the grounds, seeing all the operations, learning a bit about what amateur radio is all about, and visiting with our members. Rick has always wanted to get his license but never gotten around to it. It was very rewarding to have him stop in and see what it's all about!

A big round of applause to all those who helped put yet another Radio Club of Tacoma Field Day together and pull off a really great event in far-from-ideal propagation conditions.

Until next month's column,

73,
Dave, W7UUU

Seven year old Hartley grabs some shuteye during a quiet period in operations.

FIELD DAY; sometimes it's just too much...

HERE'S YOUR CHANCE

There are only four more issues of the Logger's Bark newsletter in the pipeline before I publish my last newsletter.

My time as editor has been fun, enlightening, and very rewarding but is rapidly coming to a close. So to anticipate my leaving and breaking in a new editor I am giving this notice and offering one of **you** the great opportunity to step up and become the 2020 Logger's BARK Editor.

Contact me, P. J. Hicks, editor, hickspj467©comcast.net , or one of the RCT officers and become the next voice of the Radio Club of Tacoma.

To showcase the 2019 Radio Club of Tacoma Field Day activities I am going to use pictures submitted by members and scatter them throughout the BARK. Since the pictures came in without captions and I do not want to get names or call signs wrong, some people may not be identified, sorry! If you could not attend I hope you enjoy the display and make plans to attend next year. It was great fun.

Mike W7MKE & Rich KR7W laying out the operating tent floor.

You gotta start somewhere...

Introducing your HF Committee at the Radio Club of Tacoma

Greetings from your HF Committee. We are really excited to share with you our vision and thoughts about the current state of the HF room and equipment at the club and where we would like to go with it. This committee is currently chaired by Phil Pia (K7PIA) and Chris Maher (N7CPM). We are joined in the committee by Rich Patrick (KR7W), Randy Myers (WB4SPB), and Al Ferguson (N7OMS). Other members have also joined us during our monthly meetings to share perspectives and ideas as we venture to make the HF room experience one that benefits all member hams who enjoy the magic of HF.

Over the past six months we have had the chance to meet with many members of the W7DK club to ask questions about the current HF room. From the information and suggestions we received, we have decided to focus on the following areas: maintenance/usability, best practices, and providing an inviting atmosphere for any ham interested in HF.

The overall mission of the HF Committee is to:

Provide and maintain well performing modern HF stations, as well as an all mode VHF station, for use at the Radio Club of Tacoma Clubhouse.

Provide an inviting environment for club members and guests to operate the radio stations, receive training, coaching, and to learn techniques and get advice to use at their home stations.

Maintain well performing 3.5-30Mhz antennas that connect to the HF room and W7OS Museum stations as well as 50-148Mhz antennas for the VHF station.

As you can see, the primary mission of the HF Committee is to provide a well maintained and inviting environment for club members to operate from. Apart from the goal of helping get fellow members on the air at the clubhouse, the committee is passionate about sharing knowledge and best practice whenever we can to help you with you home shack! Our goal is to have our HF room be a model on which you can base your own setup. Do not hesitate to ask us questions if you're just getting started or want to know more about topics such as station grounding techniques. As a committee, we have come up with plans to properly ground the upstairs HF room and to install a much needed replacement circuit breaker panel.

Even though we are just getting started, we are excited about some projects already in progress. Thanks to the generosity of the W7DK board, a brand new operating desk, currently being built by Rich Patrick, will provide a wonderful workspace for two operators to sit side-by-side in the HF room at the Flex Radio station! This desk will also come with two new 27in. monitors, providing an inviting, aesthetically pleasing, and ergonomically correct station from which to operate. Please join us in the HF room during the Fall contest season as we try to add more contacts to the W7DK log!

We invite you all to stop by the HF room. If you haven't had a chance to visit on a Saturday, stop on by! We would love to help you get on the air and make some contacts. If you would like to help out with either our grounding or circuit breaker replacement projects, please reach out to us!

73 from Chris Maher (N7CPM) and your HF Committee!

Radio Club of Tacoma PMT Sales Items for July, 2019

NEW ITEMS IN RED

ITEM	PRICE
2. Tube Tester Meter	$ 5.00
3. Meter Tube Tester Jewel	$ 5.00
4. Heath Clock GS-1000	$ 50.00
18. Yaesu HF PWR AMP FT-2100B	$ 300.00
25. Kenwood XTAL Filter YG-455C-1	$ 50.00
41. Suitcase with Tektronix scope camera	$ 50.00
84. Comet Triplexer CFX-514	$ 40.00
94. TEN TEK HF XCVR UNI 6+	$ 400.00
94A. TEN TEK Power Supply OMNI PS - P/O # 94	
101. Timewave TNC Terminal DSP-9+	$ 25.00
110. Kenwood HF XCVR TS-850S SN: 70100203	$ 300.00
112. SWAN SWR METER WM-2000	$ 75.00
114. Astron Power Supply RS-12A	$ 25.00
115. Rohn tower six sections/ rotor top section	$ 450.00
116. Hammarlund HF RX HQ-105TR	$ 100.00
117. Hallicrafters HF RX SX-28 PARTS RADIO SN: H-170803	$ 25.00
118. Comet mobile ant UHF-4	$ 75.00
119. ELECRAFT K1 HF XCVR TWO bands 15/40 /ATU	$ 300.00
120. Morrow HF Transmitter MB-560A	$ 30.00
121. Morrow HF Receiver MBR-5	$ 30.00
122. Morrow Power Supply RTS-600S	$ 30.00
123. MFJ ANT Tuner Versa Tuner II 962D	$ 250.00
124. Heathkit CW Keyer HD-1410	$ 50.00
125. Kenwood 2 MTR XCVR TR-9000	$ 100.00
126. PICO 24 Hour Quartz Clock PQZ1015	$ 30.00
127. Mirage 2 MTR AMP B-1016G	$ 200.00
128. MFJ Power Supply MFJ 4245MV	$ 100.00
129. Kenwood Microphone MC-50	$ 75.00
130. ICOM HF XCVR IC-735	$ 200.00

Please contact Red Cranefield WB7EC, wb7ec©w7dk.org or one of the other PMT members at the clubhouse at the Saturday Open House for more information or to purchase these items. New donations gratefully accepted.

CLASSIFIED

Wanted: 2 books. '*Aerials*' and '*Aerials III*' both by Kurt N. Sterba. I would like to borrow them to read and then return them in about a month. I will buy them if the price is right. There is just no room at my house to store them. If you have one or both, please bring them to the RCT club on a Saturday.

Jim H K7SSS

Gear Review - Icom 7300 HF/50Mhz Transceiver P.J. Hicks

I had the opportunity to operate an Icom 7300 transceiver while attending the Pacific Northwest QRP group's 14th annual SalmonCon gathering over the weekend of July 12th through 15th, 2019. Do not let the small form factor put you off. This entry level radio is quite capable. Putting out 100 watts in all modes except AM (25w). I found the main operating controls in the right places and the menu system easy to learn. I just sat down and started to 'play' with no previous experience. During the weekend the rig was operated in CW, SSB, and JT8 modes. Grant K7GTT, 11 years old, made over 60 JT8 contacts to fill out the log. The lowest price I found was from Gigaparts https://www.gigaparts.com/icom-ic-7300.html $1080.00 w/free shipping and $980.00 w/free shipping after the mail in rebate. Prices are good until the end of September, 2019.

The Icom IC-7300 is an SDR HF/50 MHz Transceiver. It offers 100W of output power and receives from 0.030 to 74.800 MHZ. It operates on SSB, CW, RTTY, AM and FM modes. The Icom IC-7300 features a RF direct sampling system, 15 discrete band-pass filters, a real-time spectrum scope and a large 4.3" color touch screen display. Additional features of the IC-7300 include a built-in automatic antenna tuner, 101 channels, SD memory card slot and 3 CW functions. In the box you will find the IC-7300 transceiver, a HM-219 hand microphone, DC power cable, extra fuses and plugs along with a warranty card and manual.

The Chuck wagon boys take a break during setup. Red WB7EC, Jan K7HTU, Paul W7PFU & Phil KC7PS

Amateur Radio Emergency Service (ARES)
Western Washington Section
District 5, Pierce County ARES
www.PierceCountyARES.net

Greetings,

District 5, Pierce County ARES and the Radio Club of Tacoma have enjoyed a longstanding relationship over many years. Larry Watson, KD4VOM, has, in recent years spearheaded our efforts to provide a link between the two organizations. I would like to thank Larry for all of his efforts and articles over the last couple of years.

Background:

Radio Club of Tacoma and Pierce County ARES are both ARRL affiliated organizations that are very much reliant upon each other. Radio Club of Tacoma is one of our main generating sources for new Radio Operators. We use each other's repeaters, and we live in the same area(s). And we will likely depend on each other in a major emergency or disaster. As demand for Trained and Certified Radio Operators increases our membership is hard pressed to provide service to our Served Agencies Pierce County ARES operates from Ten County and Municipal Emergency Operations Centers (EOC), Multi Agency Coordination Centers (MACC), and Emergency Communications Centers (ECC) throughout Pierce County and a small region of Thurston County. Many of you may be questioning why I am mentioning this? The answer is we are grossly deficient in Radio Operators.

We have two main categories of members; Deployable, and those that are not. While we are looking for both categories, deployable Radio Operators are in high demand. Deployable Radio Operators must submit a full membership packet including some Incident Command System Independent Study Courses, as well as a local background check in accordance with the Washington Administrative Code (WAC). Our non-deployable operators may serve as NET Control Stations, and/or Home Based Stations.

What are we looking for?

NET Control Station Operators
Voice and Digital Mode Radio Operators
Health and Welfare (NTS) Radio Operators

We are also looking for people interested in assuming administrative and leadership functions such as Instructors, Property Management, and Location/Area Radio Officers. We are not looking to steal members away from Radio Club of Tacoma, far from it; we would like to expand our relationship and cooperation between us. Currently we have about 30 members that are also Radio Club of Tacoma members.

As more and more local municipalities establish Amateur Radio Stations (Milton, Edgewood, Bonney Lake, Dupont, and Steilacoom have all expressed interest) we are hard pressed to provide Radio Operators in the appropriate numbers to adequately serve them. We have also been approached by Western State Hospital, Washington State Soldiers Home, and other Public/Private institutions.

Why now? Over the last couple of years we have increased the frequency and intensity of our exercises and we have learned that if a major incident were to befall our area, we would have a limited surge capability. In a prolonged incident we will need more trained and experienced Radio Operators to adequately provide for our Served Agencies. More and more communities are building Community Emergency Response Teams (CERT), Homeowners Association Emergency Preparedness Teams, Map your Neighborhood Teams, Pierce County Neighborhood Emergency Teams (PCNET) and many others that have a communications need and desire to send information into our County and Municipal EOC's.

We will provide the training. We conduct monthly District training sessions, and all of our area Teams conduct Team meetings to provide additional training and Team Building. Most of our training and exercise efforts do not conflict with Radio Club of Tacoma, with the exception of the last Saturday of the month in which we conduct a training session or a quarterly exercise.

Please consider Volunteering with ARES. Not only can you serve the community, but you can still enjoy Amateur Radio at the same time. Participation in training and exercises is voluntary; we understand "life happens". If you are interested please see our website and/or come to our District General Meeting. You do not need to be a member to attend our General Meetings or training sessions.

We are looking for volunteers from all across Pierce County.

ARES Meetings

Pierce County ARES Meets Monthly, at 7 pm on the **Third Thursday** of the month at the Pierce County Emergency Operations Center located at 2501 South 35th Street, Tacoma, WA 98409. Meetings always have a program, normally an EmComm Training Focus.

ARES Information and Communications Plan frequencies:

For District 5, Pierce County ARES information please see our website. NET schedules and points of contact are available to all visitors. In our member area we have all of our classes, documents and manuals. You will need a website account to access the member area.

Pierce County District 5 Website: http://www.piercecountyares.net/web
ARES Membership Application: http://www.piercecountyares.net/web/application
ARES Facebook Page: https://www.facebook.com/groups/PierceCountyARES/files/

Patrick Niles, N7SOI
Pierce County ARES, Asst. PIO
SP.ARES.PIO©gmail.com

Committed to our Community
When All Else Fails

Experience makes it so much easier. The 'crew' makes short work of erecting the Operations Tent.

Beginner's Corner – Switches

P. J. Hicks, N7PH

A **circuit** is the closed loop through which electricity can flow. A **closed circuit** allows an uninterrupted flow of electricity from the source of power, through the conductor or wire, to the load, and then back again to the ground or source of power. An **open circuit** will not conduct electricity because there is not a continuous loop for the power to follow from source to the load and back again. Switches provide the means to close or open a circuit.

Maintained/Momentary Switches

A **maintained switch** retains the position to which it is set. For example, if switched to the "ON" position, the switch will remain in the "ON" position until it is physically switched to another position. A **momentary switch** is a "spring return" switch which automatically returns to its original or at rest position when the activating force is removed. A simple example of a momentary switch would be a doorbell, which automatically returns back to its resting "OFF" position when no longer pressed. Switch nomenclature usually denotes the momentary position in parentheses "(ON)".

Normally Open/Normally Closed

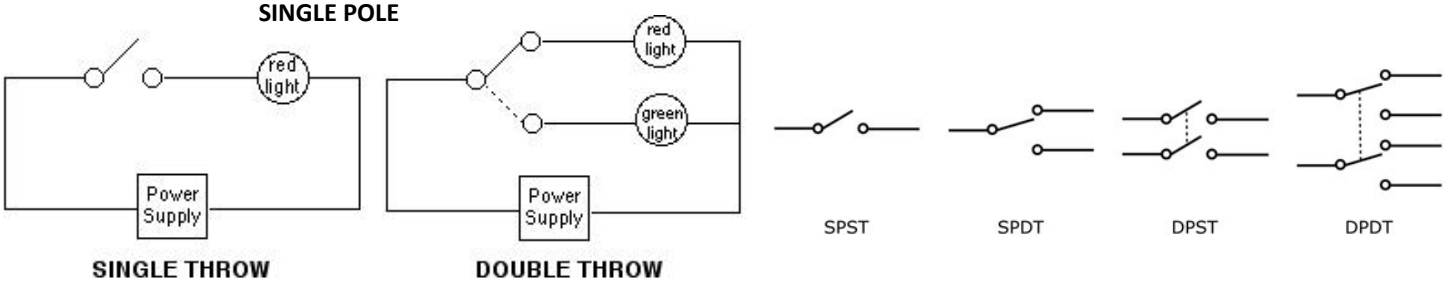
Momentary switches can be described as normally open or normally closed, which refers to the switch's at rest position. A **normally open or N.O.** momentary switch has one or more circuits that are open when the switch actuator is at its normal or rest position. An "open" circuit is an incomplete circuit, with "open space" between contacts. Therefore a normally open circuit can also be referred to as "normally OFF". A **normally closed or N.C.** momentary switch has one or more circuits that are closed when the switch actuator is at its normal or rest position. A closed circuit is a completed circuit. Therefore a normally closed circuit can also be referred to as "normally ON". A normally closed switch is in a conducting state while at rest.

Throw

The **throw** of a switch is the number of circuit paths that can be controlled by any one pole. Usually the number of "ON" positions that a switch has is the same as the number of throws. A **single throw** switch (ST) opens or closes a circuit at only one of the extreme positions of its actuator, the most common example being an ON-OFF switch. A **double throw** switch (DT) switch opens or closes a circuit at both extreme positions of its actuator, a common example being an ON-ON switch.

Pole

The 'pole' designation is the number of independent circuits controlled by the switch's actuator. Several poles of a multi-pole switch may be inter-connected to control more than one portion of a circuit. A pole consists of 2 contacts that are bridged so that current flows when the switch is actuated.



Radio Club of Tacoma's 2019 Field Day

Almost ready to move in.

Benches and furnishings about set … getting there.

Ready to Rock and Roll...

W7UUU Photo

W7UUU Photo

Top Left: SteppIR Beam Assembly

Top Right: SteppIR Beam on ladder tower

Above: Balloon Verticle and Ladder Beam

Right Center: Inflating the Balloon

Right: Warren's Line Launcher

The People who made it happen...

Randy WB7SPB and Adam W2NCC

Peter AD7EU

Red WB7EC

Adam W2NCC & Anne N7ANN

Worth W7WG & daughter Heather

Nick K7MO

John KI7YRC's Daughter Hartley & Mike W7MKE

Paul W7PFU and Jan K7HTU

Operators & Working Contacts

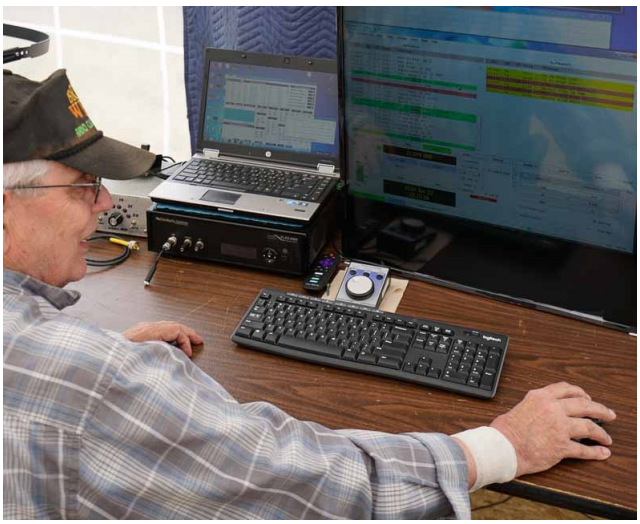
Guest operator on Icom provided IC-7610

Tim K7TMW

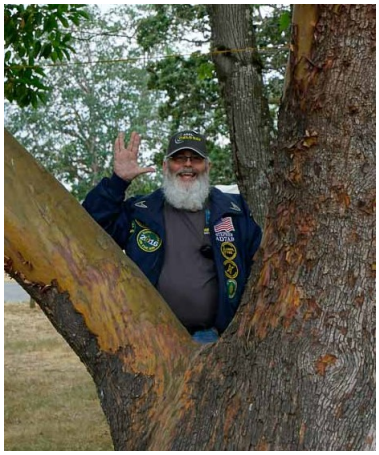
Anna K7ANA on the Flex 6400M

Nick K7MO on 20 meter CW

Bruce WE7P holds down the digital fort w/ FT8



John KI7YRC, PJ N7PH, Mike W7MKE, and Dave W7HTJ



The Gnome in the woods.
Stephen AD7AB

The able support crew. Stephen AD7AB, Verna KF7SCB and Anne N7ANN

Bicycle Powered Station = extra points.

Warren NG7G & Rich KR7W setup 40m SSB

Rick W7LKG on 20m CW

SALMONCON - 2019, Pacific Northwest QRP group

QRP means many things in the real world of Amateur Radio. To some it's operating below 100 watts. 1000 watts? To the traditionalist it's operating below 10 watts on phone or 5 watts on CW. Most of us QRP practitioners have rigs that are capable of 100 watts and are not averse to using what is needed to make that allusive contact. While the name implies the traditional approach, most of the pQRP group (Pacific Northwest QRP group) do own/operate 100 watt rigs and do own Amps of various capabilities. They just prefer 5 or 10 watt operation for the challenge.

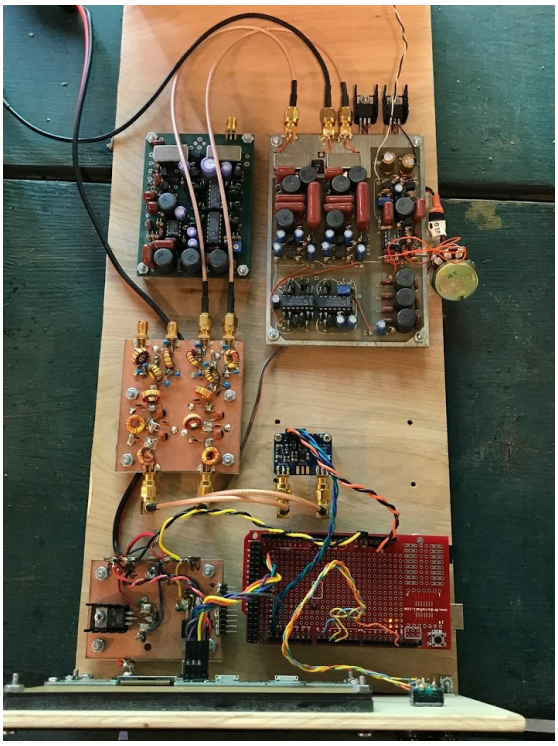
Every year on the first full weekend after the 4th of July holiday for the past 14 years the pQRP group has sponsored a get-together to share ideas, knowledge, projects, fun and good food: the annual **pQRP Salmoncon.**

This year, as in several years past, the event was held at Valley Camp < https://valleycamp.org/ > in North Bend, WA about 40 miles east of Seattle, just off I-90. Early arrivals set up camp on Thursday and diehards leave on Monday. It's nice to get away! Friday is devoted to casual activities, SOTA activations and a potluck Brat BBQ dinner. Saturday is the main event. A full schedule of lectures, demonstrations, Fox hunts, On-the-air-time, and discussions are held throughout the day. The day is capped off with a free Salmon Burger meal with all the trimmings and condiments. BTW, all meals and beverages including breakfasts are provided by the pQRP group members for free. Sunday morning concludes with several lectures, on-the-air-time, and a compressed air launcher shootout. A BYO Steak cookout brings an end to the weekend on Sunday evening.

Add this date to your calendar for next year. We would love to see you attend and share Amateur Radio with us.

P. J. Hicks, N7PH
https://photos.app.goo.gl/iqtTLwGiRvLRs87X9

Steven KK7ZD discussing the display screen used in his TXRX →



Radio Club of Tacoma
General Meeting Minutes
June 1, 2019

Meeting called to order at 1330 PDT by Secretary Mike W7MWF at Tacoma Eagles Aerie #3, 4810 South Tacoma Way. Mike Drorbaugh W7MKE fulfilled the secretarial duties and kept the minutes of the meeting
Officers and Directors Present

Board member Red Cranefield WB7EC

Pledge of Allegiance was led by Mike W7MWF

Welcome and Self-Introductions

Guests present were Juan KJ7GGB, Joe Rempeg, and Joe Cirone W1SPY
Self-introductions were completed. There were 24 names on the sign-in sheet. Attendance was light due to many members attending the SeaPac convention

Health and Welfare

Silent Keys and Illness Past President Joseph Winter WZ7M became a silent key at the age of 99. His memorial service was held May 28, 2019.

Secretary's Report

Mike W7MWF reported receipt of the usual stuff: periodicals, utility bills, bank statements, membership renewals.

Treasurer's Report (AF7YD) No Report

President's Report (W7UUU) No Report

Committee / Activity Reports

Membership (K7GWS) No Report

Training Tech License Training June 8/9

VE Report John AC7WW provided the VE report, a copy of which is filed with these minutes The next VE Session will be held June 11

HF Operations (K7PIA) No Report

Repeater Ops (K7TMW) No Report

IT Report Randy WB4SPB reported that all systems are functioning normally.

Museum Randy WB4SPB advised that current projects of restoring a Mohawk receiver and an ElDico transmitter are still in progress.

Facilities Mgmt (W2NCC) No Report

Prop Mgmt Sales and donation reports and updates were given by Red WB7EC. The May Raffle proceeds were $58 and surplus sales were $302. Red advised that the shelves are emptying out and donations would be appreciated.

Logger's Bark PJ N7PH requested submission of articles, photos, and suggestions. He advised that he will relinquish editorial duties at the end of the year. If you are interested in being the Bark editor, please let PJ or a Club Officer know.

4th Weds Activity Night - TBD

New Business None

Unfinished Business and Announcements

Mike W7MKE reported excellent progress on construction of utility/storage building at club property. Work is well underway and current spending is $1700. Mike also acknowledged receipt of an anonymous donation of $700, and several donations of materials to help offset expenses.

SeaPac May 31-June 2

Mark your calendars June 21-23 ARRL Field Day 2019

Radio Club Recognition as Special Service Club and a nice certificate was received from ARRL and will be presented to President Dave for suitable framing and display.

Governor's Proclamation of Amateur Radio Week for June 17-23. A copy of the Governor's Proclamation is filed with these minutes.

Program Verna Lilly KF7SCB has been helping Adam with coordination of this year's Field Day. She gave an overview of the current status of the plans for the event. As part of the Safety and Security Team (with Kerry KI7LTV), Verna advised of potential safety and health hazards that participants should pay heed to. Especially critical is the stress from heat which could result in severe medical emergencies. Other hazards are wires, cables, and guy lines for antennas and tents.

Tuning and Traffic

Reports included notification of Sporadic E conditions on 10 meters, FT8 operations on 6 meters, and the Museum Ships on the Air event.

Joe Cirone W1SPY gave a brief report on his efforts to integrate some of the FAA equipment, sites, and operations to function in coordination with amateur radio operations.

Door Prize A T-Shirt was won by Tim K7HF.
Raffle Prize Kerry KI7LTV won a Heathkit speaker.

Adjournment at 1420

Submitted by Mike W7MWF, RCT Secretary
Many thanks to Mike W7MKE for fulfilling secretarial duties.

Radio Club of Tacoma
Board of Directors Meeting Minutes
June 5, 2019

Meeting called to order at 1900 PDT by President Dave W7UUU.

Officers and Directors Present
President Dave Ellison W7UUU
Vice President Mike Mikuchonis W7XTZ
Secretary Mike Finnie W7MWF
Treasurer Steve Dightman AF7YD
Board members Bruce Hanson WE7P, Adam Barbera W2NCC, Red Cranefield WB7EC, Phil Pia K7PIA
Quorum A quorum was seated. There were 15 members present. A copy of the sign-in sheet is filed with these minutes.

Silent Key or Illness? Past President Joseph Winter WZ7M became a silent key at the age of 99. His memorial service was held May 28, 2019.

Dave W7UUU also reported that his friend and a former club member Russ Cable WA6TLK had joined the ranks of silent keys.

President Dave W7UUU has been diligently working to bring the Silent Key plaques up to date. With help from George K7GRS and Nick K7MO, the board is now current.

Approval of Minutes of May 1, 2019 Board Meeting was accomplished by voice vote.

Secretary's Report Mike W7MWF reported receipt of the usual Correspondence: Memberships, Utilities, Subscriptions, and Bank Statements. RCT has again been recognized as a Special Service Club. The certificate received from ARRL was presented to Dave W7UUU for framing and display.

Treasurer's Report Steve AF7YD reported that the books are in order and the club is in a sound financial position.

Committee / Reports

Membership George K7GRS reported membership stands at 265. He reiterated the importance of following the process for documenting cash receipts and membership applications.

Training The next scheduled class will be held June 8/9.
VE Testing will be held June 11.

Info Tech and Website Randy WB4SPB reported that the clubs technology infrastructure is ship-shape.

HF Operations Phil K7PIA reported that the HF ops are in good shape. On loan to the club from ICom is a model 7610 transciever. Members are familiarizing themselves with the equipment prior to Field Day. Upcoming contest information will be posted upstairs.

Repeater Ops. Repeaters are functioning with no reports of anomalies. Currently the IRLP services are not operational due to a software configuration issue.

Facilities Mgmt. Adam W2NCC reports work is ongoing on electrical panel upgrade, garage door installation, and bushy-tail rat issues.

Property Mgmt. Red reported May property sales of $302 and June raffle sales of $33. Several articles were recently discovered in the lockup. Red presented a list of surplus equipment for disposition authorization. The list of items, which is filed with these minutes, was approved for disposition in accordance with established club policies.

Museum Randy WB4SPB reported that work on the Mohawk is ongoing.

Weds Workshop Following discussion, it was decided that the 4th Wednesday Workshop for Jun 26 will be a Field Day debriefing and after-action report, to be led by Adam W2NCC.

General Meeting The June Presentation was given by Verna KF7SCB and was an overview of Field Day plans. Verna also provided health, welfare, and safety policies and reminders that will be in place at the event.

Unfinished Business

Update on shed construction – Mike W7MKE reported that there has been good progress on the project. The club received an anonymous donation of $700, plus several donations of materials. It was recognized that the donations will not be counted as part of the $2000 amount authorized expenditure from the club treasury. All current projections indicate that the shed project will come in under-budget.

Updates on credit card research – no additional information at present

New Business

Josh Shelton KJ7ENN spoke on behalf of the Tacoma EOC. He requested technical assistance in designing and locating antennas at their operations center. Steve AF7YD will work with Josh as club liaison to help them meet their goals.

Activity Reports and Discussion Topics

Field Day upcoming June 21-23. Plans and equipment are in place and on schedule. Adam requested funding for suitable gas for inflation of balloons to hoist antennas aloft. By voice vote, the expense of $250 was authorized.

Report on SeaPac conference. Reports were that the venue was not very good due to ongoing construction. Heat and congestion were the main issues. The speakers and forums were reported as being very good. It was suggested that the club try to acquire a video of the presentation by keynote speaker Jeri Ellsworth AI6TK.

Announcements

Mike W7MKE requested help for a construction work party over the weekend, depending on weather factors.

Adjournment was at 1953 PDT

The Club LINEUP

Club Officers

President: Dave Ellison, W7UUU - w7uuu©w7dk.org

Vice Pres: Mike Mikuchonis, W7XTZ - w7xtz©w7dk.org

Secretary: Mike Finnie, W7MWF - w7mwf©w7dk.org

Treasurer: Steve Dightman, AF7YD - af7yd©w7dk.org

5 Board Members

Bruce Hanson, WE7P - we7p©w7dk.org

Paul Matney, W7PFU - w7pfu©w7dk.org

Adam Barbera, W2NCC - w2ncc©w7dk.org

Red Cranefield, WB7EC - wb7ec©w7dk.org

Phil Pia, K7PIA - k7pia©w7dk.org

The Logger's Bark is the *OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA*… and is published by RCT, PO Box 11188, Tacoma, WA 98411. The Radio Club of Tacoma is a non-profit corporation as defined by law. All proceeds will be used exclusively for charitable and educational purposes. The Radio Club of Tacoma's Club House is located at 1249 Washington St, Tacoma, WA 98411, phone: 253-759-2040.

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The Fine Print: The Logger's Bark is published once a month for the membership of The Radio Club of Tacoma or interested ham radio enthusiasts. The Bark is delivered by PDF file on the club's website: www.w7dk.org.

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Membership Info: FULL (licensed) and ASSOCIATE (non licensed) membership is $35 per calendar year or $30 for Licensed Seniors (65 and over). Licensed family members at same address pay $20 each for the first two and are free for the third, fourth, and so on. Full-time students, licensed or non licensed, up to age 25 are $20 per year. Note: fees are applicable for the calendar year: Jan to Dec. Lifetime membership is 20 times the yearly fee you are eligible for. Lifetime memberships are calculated based on the FULL and ASSOCIATE rates.

www.w7dk.org [LINK] - For the latest and most current information on events and activities, visit the Radio Club of Tacoma Website.

Radio Club Repeaters

Central Tacoma: 147.280 + PL=103.5

Crawford Mountain 147.380 + PL=103.5 (E of Olympia © 1500 ft ASL)

Central Tacoma: 440.625 + PL=103.5

North Tacoma: 145.21 – PL=141.3